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OBJECTIVE	A summer internship to pursue my passion for designing innovative solutions to clinical and global engineering problems in a small team environment.	
EDUCATION	Bachelor of Science, Engineering (Biomedical Engineering) Tulane University, New Orleans, LA	May 2018
	 Academic Honors: Tulane Honors Program • Tulane Scholars Program • Distinguished Scholar Award (\$25,000/year merit scholarship) • Science and Engineering Honors Society • Biomedical Engineering Society • Women in Science • Georges Lurcy Grant Recipient • Newcomb College Institute Grant Recipient • Study Abroad University College Dublin (Fall 2016 Semester) Notable Coursework: Biomedical Engineering Product and Experimental Design, Biomedical Electronics, Biomedical Acoustics, Mechanics of Materials, Electric Circuits, Differential Equations, Statics, Materials Science and Engineering, Computational Concepts and Applications, Intro to Cellular and Molecular Biology, Intro to Organic and Biochemistry, Intro to Research Method 	
RELEVANT EXPERIENCE	Student Intern Relay Design Group, Entergy Louisiana, New Orleans, LA	June – August 2016
	 Worked on a team and individually to solve engineering problems associated with relay protection schemes of power systems in Louisiana. 	
	Undergraduate Researcher Biomedical Acoustics Lab, Tulane University, New Orleans, LA	November 2015 – Current
	 Analyzed the effect of ultrasound treatment on the length and density of E18 Rat Cortex neurons using microscopy and mathematical modeling with MATLAB. 	
	BioEngineering Research Intern Stayton Lab, University of Washington, Seattle, WA	May – August 2015
	• Evaluated drug release profiles of various polymer-drug conjugates analytical HPLC to characterize the development of novel polymeric d	in human serum via Irug delivery systems.
TECHNICAL SKILLS	Lab: High Purification Liquid Chromatography Sample Preparation Cell Culturing Microcentrifuge Micropipette Light Microscope Vortex Gel Electrophoresis Sonication Computer: GraphPad Prism SolidWorks MultiSim Adobe Creative Suite MATLAB Microsoft Office AutoCAD	
PUBLICATIONS	Das D., Srinivasan S., Kelly A.M., Chiu D.Y., Daugherty B.K., Ratner D.M., et al. RAFT polymerization of ciprofloxacin prodrug monomers for the controlled intracellular delivery of antibiotics. Polym Chem. 2016; 7:826-37.	
	Son H. N., Srinivasan S., Yhee J.Y., Das D., Daugherty B.K., Berguig G.Y., Oehle V.G., Kim S.H., K. Kim, Kwon I.C., Stayton P.S., and Convertine A.J. Chemotherapeutic copolymers prepared via the RAFT polymerization of prodrug monomers. Polym Chem. 2016; 7:4494-4505.	
LEADERSHIP & SERVICE	Outreach Officer and National Member Society of Women Engineers Club, Tulane University	May 2015 – Current
	Volunteer ACT Tutor New Orleans Charter Science and Mathematics High School	January – May 2016
	Volunteer Mathematics Tutor New Orleans Charter Science and Mathematics High School	January – May 2015